

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2005/000255

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: E05B 47/00, G07C 1/10, 9/00, G07F 17/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

REFER ELECTRONIC DATA BASE CONSULTED BELOW

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU: IPC E05B 47/00, G07C 1/10, 9/00, G07F 17/14

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: keywords: E05B 47/-, G07C 1/10, G07C 9/00, G07F 17/14, crypt, code, rights, anti, permission, info, control, access, transmi, communicat, relay, send, reader, compare, match, card, actuat, pass, return, updat and similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1178168 A1 (U-CODE INC) 6 February 2002	
A	GB 2118614 A (GENEST) 2 November 1983	
A	US 4758835 A (RATHMANN et al) 19 July 1988	
A	US 5467080 A (STOLL) 14 November 1995	

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
24 June 2005

Date of mailing of the international search report
5 JUL 2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Derwent Abstract Accession No. 96-207824/21, Class Q47, RU 2043476 C1 (NOVIKOV) 10 September 1995	
A,P	JP 2005023680 A (MITSUBISHI ELECTRIC CORPORATION) 27 January 2005	
A	US 5459305 A (ERIKSSON) 17 October 1995	
A,P	JP 2004316201 A (MITSUBISHI ELECTRIC CORPORATION) 11 November 2004	
A	JP 2001243430 A (MATSUSHITA ELECTRIC WORKS LTD) 7 September 2001	
A	JP 2000357212 A (MATSUSHITA ELECTRIC WORKS LTD) 26 December 2000	

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
See attached sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

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Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: III

The international application does not comply with the requirements of unity because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

1. Claims 1 to 45 are directed to an encrypting reader in an unsecured area communicating with a decrypting module in a secure area that decrypts and compares the communication with an expected code, which can then switch power to actuate a door latch if a correct match has been indicated. It is considered that "the control of a door latch by decrypting and matching a communication" comprises a first technical feature.
2. Claims 46 and 47 to 51 are directed to a method of providing antipassback in an access control system by reading information from a presented smartcard, checking permissions then updating the smartcard. It is considered that "checking and updating a smartcard" comprises a second technical feature.

Since the abovementioned groups of claims do not share any of the technical features identified, a "technical relationship" between the inventions, as defined in PCT rule 13.2, does not exist. Accordingly the international application does not relate to one invention or to a single inventive concept, a priori.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
EP	1178168	NIL					
GB	2118614	AU	13230/83	BE	896489	DE	3313609
		FR	252268				
US	4758835	DE	3529882	EP	0212046	ES	8703565
		JP	62045875				
US	5467080	AU	44518/93	BR	9303322	CN	1086870
		CZ	9301635	EP	0582969	FR	2694778
		HU	65148	IL	106644	JP	6167158
		LT	843	LV	11204	PL	300015
		SK	86493				
RU	2043476	NIL					
JP	2005023680	NIL					
US	5459305	AU	26567/92	CA	2119352	EP	0615642
		FI	941298	NO	940970	SE	9102739
		WO	9306568				
JP	2004316201	NIL					
JP	2001243430	NIL					
JP	2000357212	NIL					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							